
DOCUMENT A00814

MBTA CONSTRUCTION SAFETY SPECIFICATIONS WITH OSHA

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SECTION 01568
CONSTRUCTION SAFETY
PART 1 - GENERAL

1.1 DESCRIPTION

- A. This Section specifies requirements to establish a practical, sound, and effective program for the prevention of construction accidents, and to assign specific responsibilities to Contractors for program compliance.
- B. Contractors and their supervisors must control hazardous activities and conditions within their respective areas of contract responsibility.

1.2 SUBMITTALS

- A. Safety and Health Plan: The contractor shall, within thirty (30) days after receipt of the award of a contract, submit for approval to the MBTA, a detailed operational Safety and Health Plan.
- B. Safety Supervisor: The Contractor shall within thirty (30) days after receipt of the award of a contract submit the resume of the qualifications and work experience of the designated Safety Supervisor proposed for assignment to the Project. No construction work shall begin until the project Safety Supervisor has been approved by the MBTA. The Safety Supervisor shall have a minimum of 5 years of experience in construction safety or a related field.
- C. Monthly Accident Experience Summary: The Contractor shall submit an Accident Experience Report monthly during the course of construction to the MBTA.
- D. Industrial Industry Records: Prior to start of work, the Contractor shall submit their Injury/Illness Records for the previous 3 years. In addition, the Contractor shall submit annually to the MBTA all subsequent Illness/Injury Reports for the duration of the project.

PART 2 - PRODUCTS

None

PART 3 - EXECUTION

3.1 SAFETY AND HEALTH PLAN

- A. The Contractor shall submit a project Safety and Health Plan. At a minimum, the plan shall include the following sections:
 - i. Emergency Action Plan
 - ii. First Aid Facilities
 - iii. Serious Accidents
 - iv. Emergency Telephone Numbers
 - v. Protection of the Public
 - vi. Site Visits
 - vii. Substance Abuse/Prevention/Testing

3.2 SAFETY SUPERVISOR

- A. Complete daily safety inspections of the job site and contiguous public areas, and take any corrective actions to eliminate unsafe conditions.
- B. Establish and implement a project safety training program for supervisors and employees as applicable to their job.
- C. Attend project safety meetings.
- D. Review Foreman accident and investigation reports, and initiate corrective action to prevent reoccurrence.
- E. Maintain copies of all Contractor Safety Reports.
- F. Assist Foremen in accident investigations.
- G. Encourage establishment of incentive programs designed to recognize individual employee safety efforts and contributions towards improved safety.
- H. Prepare a Safety Audit Checklist and complete the checklist each week during the course of construction. The completed Audit Checklists shall be submitted to the Authority weekly.
- I. The Safety Supervisor needs to be on the project site when major work tasks are being performed. During work periods when the Contractor is not performing contract work, the Safety Supervisor can be absent from the project site with permission from the Authority.

3.3 ACCIDENT INVESTIGATION

- A. Serious accidents shall be reported immediately to the MBTA Resident Engineer. Contractors shall issue standing orders to all supervisors directly in charge of operations that the scene of the accident shall not be disturbed, except for rescue or other emergency measures, until otherwise directed. Contractor's forces either witnessing or party to the accident shall be detained at the site to provide detailed accounting of facts.
- B. All reports shall be submitted to the MBTA. The accident investigation shall generate appropriate recommendations for corrective actions to prevent similar recurrence of similar accidents.
- C. The requirements of MBTA Safety Procedure 7.3 Contractor Safety Violation Program shall be followed by the Contractor when completing an accident report.

3.4 FIRST AID FACILITIES

- A. In formulating the Health and Safety Plan, the Contractor shall provide for the establishment and staffing of appropriate first aid facilities for the treatment of on the job injuries.
- B. Off-site medical treatment of employee injuries shall be performed at medical facilities named in the Contractor's Safety Submittal.

3.5 EMERGENCY TELEPHONE NUMBERS

To ensure that emergency actions are promptly taken, Contractors shall post emergency telephone numbers in conspicuous places.

3.6 ORIENTATION PROGRAM

- A. The Contractor shall establish and maintain an orientation program for new employees which shall include:
 - i. For each individual the hazards present in their work assignment and in the general area in which he will be working.
 - ii. Personal protective equipment required.
 - iii. Instruction in the proper procedure for reporting unsafe job conditions which he/she may encounter.

3.7 RIGHT OF WAY SAFETY AWARENESS

- A. All Contractor and sub-contractor personnel shall complete either the MBTA Rapid Transit right-of-way safety training or the MBCR Commuter Rail right-of-way safety training prior to entering the project site. ROW safety training will be required on all MBTA property including the RR track, stations, parking garages and maintenance car houses. Personnel will not be allowed on the job site unless they have attended a Right-of-Way Safety Awareness training session. Workers are required to carry their certification card while on site.

3.8 OSHA

- A. The Contractor shall comply with the OSHA 1926 Construction Safety Standards that apply to the project work. The Contractor shall meet the reporting requirements, and employers with eleven (11) or more employees must meet recordkeeping requirements.
- B. All Contractor and Sub-Contractor personnel shall possess an OSHA 10 Hour Certification card when working on the project site.
- C. All fatality cases and/or serious accidents and illness shall be reported to OSHA immediately by phone to an Occupational Safety and Health Area Office. Employers must report immediately all blasting accidents.
- D. Part of the OSHA requirements is that each employer must post in a prominent location the "Safety and Health Protection on the Job" poster. The poster briefly states the intent and coverage of the Act. Failure to post this document is a citable offense under the Act.

3.9 PROSECUTION OF THE WORK

- A. The Contractor shall take all reasonable precautions in the performance of the work to protect the safety and health of its employees and members of the public and shall comply with all applicable MBTA, Local, State and Federal safety and health regulations and associated reporting requirements.
- B. The Contractor Safety Supervisor is charged with sole responsibility of on-site safety management under the direction of the Contractor Project Superintendent. All potential safety hazards identified shall be promptly corrected. The Safety Supervisor shall complete daily reviews of the project site and document then results on the inspection.
- C. The MBTA shall notify the Contractor of any non-compliance and of the corrective action required. This notice, when delivered the Contractor or the Contractor's representative at the site of the work, shall be deemed sufficient notice of the non-compliance and corrective action required after receiving the notice, the contractor shall immediately take corrective action. If the contractor fails or refuses to take corrective action promptly, the MBTA may, without prejudice to other legal or contractual rights, issue an order stopping all or part of the work; and may subject contractor to safety violation assessments as deemed appropriate by the MBTA. Resumption of work may be issued by the MBTA Safety Department.
- D. The Contractor shall maintain an accurate record of exposure data on all accidents and incidents occurring under this contract and report this data in a manner prescribed by the MBTA.
- E. The Contractor shall be responsible for all its lower-tier sub-contractor's and vendor's compliance.
- F. Contractor management shall make a commitment for accident prevention and fire prevention. Safety shall take precedence over schedule and production. Enforcement action is mandatory.

3.10 WORK AUTHORIZATIONS

- A. The following work authorizations will be issued by the MBTA:
 - i. Excavation
 - ii. Hot Work
 - iii. Confined Space Entry
 - iv. Cranes and Suspended Platforms

3.11 WORKING NEAR THE THIRD RAIL

- A. When working on or near the third rail, when the power is off, the contractor must have a third rail high-voltage warning device on the job site approved by the MBTA Power Department. This device will warn work crews if the third rail becomes energized at any time during work activity involving the right-of-way.

3.12 HAZARDOUS SUBSTANCES

- A. Any Contractor who uses substances on the hazardous substances list to which workers might be exposed under either normal work conditions or reasonable foreseeable emergency conditions resulting from work place operations must provide those workers with the required hazardous substance information.

3.13 PERSONAL PROTECTIVE EQUIPMENT

- A. All Contractor personnel must wear the required personal protective equipment when on the job site. Personal protective equipment includes hard hats, safety vest, safety glasses and proper footwear.

3.14 PROTECTION OF THE PUBLIC

- A. All necessary precautions to prevent injury to the public or damage to property of others shall be taken. The public is defined as all persons not employed by or under contract or subcontract to the MBTA. Installation of temporary barriers and/or fencing designated to protect the public shall be reviewed and approved by the MBTA. Precautions shall include but not be limited to the following:
- B. Work shall not be performed in any area occupied by the public unless specifically permitted by the contract or in writing by the MBTA.

3.15 SUBSTANCE ABUSE/PREVENTION/TESTING PROGRAM

- A. The Contractor shall establish a substance abuse policy and testing program that includes the following elements:

- Deterrence

- Treatment and Rehabilitation
- Detection
- Enforcement

The MBTA reserves the right to approve the proposed substance abuse program prior to commencing the contract.

3.16 CONDUCT OF TOURS

- A. Group tours must be cleared through the MBTA, allowing maximum advance notice and in compliance with MBTA Policy and Procedures.
- B. MBTA will coordinate the tour arrangements and ensure notification to the Contractors Project Manager.

3.17 HOUSEKEEPING

- A. A basic concept in any effective accident prevention program is "good housekeeping." No one item has a great impact on the overall success of a safety program for a construction project. The importance of good housekeeping is such that it must be planned from the beginning of the job and carefully supervised through the final cleanup.
- B. During the course of construction, work areas, passageways and stairs, in and around buildings and structures, shall be kept clear of debris. Construction materials shall be stored in an orderly manner. Storage areas and walkways on the site shall be maintained free of depressions, obstructions and debris.

PART 4 - MEASUREMENT AND PAYMENT

- A. No separate measurement or payment will be made for work required under this Section.

**UNITED STATES
DEPARTMENT OF LABOR**

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A to Z Index | En español | Contact Us | FAQs | About OSHA

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[Regulations \(Standards - 29 CFR\) - Table of Contents](#)

• Part Number:	1926
• Part Title:	Safety and Health Regulations for Construction
• Standard Number:	1926
• Title:	Table of Contents

PART 1926 -- SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION

Subpart A -- General

Sec.

1926.1 Purpose and scope.
 1926.2 Variances from safety and health standards.
 1926.3 Inspections - right of entry.
 1926.4 Rules of practice for administrative adjudications for enforcement of safety and health standards.
 1926.5 OMB control numbers under the Paperwork Reduction Act.
 1926.6 Incorporation by reference.

Subpart B -- General Interpretations

1926.10 Scope of subpart.
 1926.11 Coverage under section 103 of the act distinguished.
 1926.12 Reorganization Plan No. 14 of 1950.
 1926.13 Interpretation of statutory terms.
 1926.14 Federal contracts for "mixed" types of performance.
 1926.15 Relationship to the Service Contract Act; Walsh-Healey Public Contracts Act.
 1926.16 Rules of construction.

Subpart C -- General Safety and Health Provisions

1926.20 General safety and health provisions.
 1926.21 Safety training and education.
 1926.22 Recording and reporting of injuries. [Reserved]
 1926.23 First aid and medical attention.
 1926.24 Fire protection and prevention.
 1926.25 Housekeeping.
 1926.26 Illumination.
 1926.27 Sanitation.
 1926.28 Personal protective equipment.
 1926.29 Acceptable certifications.
 1926.30 Shipbuilding and ship repairing.
 1926.31 Incorporation by reference.
 1926.32 Definitions.
 1926.33 Access to employee exposure and medical records.
 1926.34 Means of egress.
 1926.35 Employee emergency action plans.

Subpart D -- Occupational Health and Environmental Controls

1926.50 Medical services and first aid.
 1926.51 Sanitation.
 1926.52 Occupational noise exposure.
 1926.53 Ionizing radiation.
 1926.54 Nonionizing radiation.
 1926.55 Gases, vapors, fumes, dusts, and mists.
 1926.56 Illumination.
 1926.57 Ventilation.
 1926.58 [Reserved]
 1926.59 Hazard communication.
 1926.60 Methylenedianiline.
 1926.61 Retention of DOT markings, placards and labels.
 1926.62 Lead.
 1926.64 Process safety management of highly hazardous chemicals.
 1926.65 Hazardous waste operations and emergency response.
 1926.66 Criteria for design and construction for spray booths.

Subpart E -- Personal Protective and Life Saving Equipment

1926.95 Criteria for personal protective equipment.
 1926.96 Occupational foot protection.
 1926.97 [Reserved]
 1926.98 [Reserved]
 1926.99 [Reserved]
 1926.100 Head protection.

Table of Contents - 1926

Page 2 of 7

- 1926.101 Hearing protection.
- 1926.102 Eye and face protection.
- 1926.103 Respiratory protection.
- 1926.104 Safety belts, lifelines, and lanyards
- 1926.105 Safety nets
- 1926.106 Working over or near water.
- 1926.107 Definitions applicable to this subpart.

Subpart F -- Fire Protection and Prevention

- 1926.150 Fire protection.
- 1926.151 Fire prevention.
- 1926.152 Flammable and combustible liquids.
- 1926.153 Liquefied petroleum gas (LP-Gas).
- 1926.154 Temporary heating devices.
- 1926.155 Definitions applicable to this subpart.
- 1926.156 Fixed extinguishing systems, general.
- 1926.157 Fixed extinguishing systems, gaseous agent.
- 1926.158 Fire detection systems.
- 1926.159 Employee alarm systems.

Subpart G -- Signs, Signals, and Barricades

- 1926.200 Accident prevention signs and tags.
- 1926.201 Signaling.
- 1926.202 Barricades.
- 1926.203 Definitions applicable to this subpart.

Subpart H -- Materials Handling, Storage, Use, and Disposal

- 1926.250 General requirements for storage.
- 1926.251 Rigging equipment for material handling.
- 1926.252 Disposal of waste materials.

Subpart I -- Tools -- Hand and Power

- 1926.300 General requirements.
- 1926.301 Hand tools.
- 1926.302 Power operated hand tools.
- 1926.303 Abrasive wheels and tools.
- 1926.304 Woodworking tools.
- 1926.305 Jacks - lever and ratchet, screw and hydraulic.
- 1926.306 Air Receivers.
- 1926.307 Mechanical power-transmission apparatus.

Subpart J -- Welding and Cutting

- 1926.350 Gas welding and cutting.
- 1926.351 Arc welding and cutting.
- 1926.352 Fire prevention.
- 1926.353 Ventilation and protection in welding, cutting, and heating.
- 1926.354 Welding, cutting and heating in way of preservative coatings.

Subpart K -- Electrical

GENERAL

- 1926.400 Introduction.
- 1926.401 [Reserved]

INSTALLATION SAFETY REQUIREMENTS

- 1926.402 Applicability.
- 1926.403 General requirements.
- 1926.404 Wiring design and protection.
- 1926.405 Wiring methods, components, and equipment for general use.
- 1926.406 Specific purpose equipment and installations.
- 1926.407 Hazardous (classified) locations.
- 1926.408 Special systems.
- 1926.409-1926.415 [Reserved]

SAFETY-RELATED WORK PRACTICES

- 1926.416 General requirements.
- 1926.417 Lockout and tagging of circuits.
- 1926.418-1926.430 [Reserved]

SAFETY-RELATED MAINTENANCE AND ENVIRONMENTAL CONSIDERATIONS

- 1926.431 Maintenance of equipment.
- 1926.432 Environmental deterioration of equipment.
- 1926.433-1926.440 [Reserved]

SAFETY REQUIREMENTS FOR SPECIAL EQUIPMENT

- 1926.441 Battery locations and battery charging.
- 1926.442-1926.448 [Reserved]

Table of Contents - 1926

Page 3 of 7

DEFINITIONS

1926.449 Definitions applicable to this subpart.

Subpart L -- Scaffolds

1926.450 Scope, application and definitions applicable to this subpart.
 1926.451 General requirements.
 1926.452 Additional requirements applicable to specific types of scaffolds.
 1926.453 Aerial lifts.
 1926.454 Training requirements.

APPENDIX A TO SUBPART L -- Scaffolds

APPENDIX B TO SUBPART L -- Scaffolds

APPENDIX C TO SUBPART L -- Scaffolds

APPENDIX D TO SUBPART L -- Scaffolds

APPENDIX E TO SUBPART L -- Scaffolds

Subpart M -- Fall Protection

1926.500 Scope, application, and definitions applicable to this subpart.
 1926.501 Duty to have fall protection.
 1926.502 Fall protection systems criteria and practices.
 1926.503 Training requirements.

APPENDIX A TO SUBPART M -- DETERMINING ROOF WIDTHS

APPENDIX B TO SUBPART M -- GUARDRAIL SYSTEMS

APPENDIX C TO SUBPART M -- PERSONAL FALL ARREST SYSTEMS

APPENDIX D TO SUBPART M -- POSITIONING DEVICE SYSTEMS

APPENDIX E TO SUBPART M -- SAMPLE FALL PROTECTION PLANS

Subpart N -- Cranes, Derricks, Hoists, Elevators, and Conveyors

1926.550 [Reserved].
 1926.551 Helicopters.
 1926.552 Material hoists, personnel hoists and elevators.
 1926.553 Base-mounted drum hoists.
 1926.554 Overhead hoists.
 1926.555 Conveyors.
 1926.556 [Removed].

Subpart O -- Motor Vehicles, Mechanized Equipment, and Marine Operations

1926.600 Equipment.
 1926.601 Motor vehicles.
 1926.602 Material handling equipment.
 1926.603 Pile driving equipment.
 1926.604 Site clearing.
 1926.605 Marine operations and equipment.
 1926.606 Definitions applicable to this subpart.

Subpart P -- Excavations

1926.650 Scope, application, and definitions applicable to this subpart.
 1926.651 Specific Excavation Requirements.
 1926.652 Requirements for protective systems.

APPENDIX A TO SUBPART P -- SOIL CLASSIFICATION

APPENDIX B TO SUBPART P -- SLOPING AND BENCHING

APPENDIX C TO SUBPART P -- TIMBER SHORING FOR TRENCHES

APPENDIX D TO SUBPART P -- ALUMINUM HYDRAULIC SHORING FOR TRENCHES

APPENDIX E TO SUBPART P -- ALTERNATIVES TO TIMBER SHORING

APPENDIX F TO SUBPART P -- SELECTION OF PROTECTIVE SYSTEMS

Subpart Q -- Concrete and Masonry Construction

1926.700 Scope, application, and definitions, applicable to this subpart.
 1926.701 General requirements.
 1926.702 Requirements for equipment and tools.
 1926.703 Requirements for cast-in-place concrete.
 1926.704 Requirements for precast concrete.
 1926.705 Requirements for lift-slab construction operations.
 1926.706 Requirements of masonry construction.

APPENDIX TO SUBPART Q -- REFERENCES TO SUBPART Q OF PART 1926

Subpart R -- Steel Erection

- 1926.750 Scope.
- 1926.751 Definitions.
- 1926.752 Site layout, site-specific erection plan and construction sequence.
- 1926.753 Hoisting and rigging.
- 1926.754 Structural steel assembly.
- 1926.755 Column anchorage.
- 1926.756 Beams and columns.
- 1926.757 Open web steel joists.
- 1926.758 Systems-engineered metal buildings.
- 1926.759 Falling object protection.
- 1926.760 Fall protection.
- 1926.761 Training.

APPENDIX A TO SUBPART R -- GUIDELINES FOR ESTABLISHING THE COMPONENTS OF A SITE-SPECIFIC ERECTION PLAN: NON-MANDATORY GUIDELINES FOR COMPLYING WITH § 1926.752(e)

APPENDIX B TO SUBPART R -- [RESERVED]

APPENDIX C TO SUBPART R -- ILLUSTRATIONS OF BRIDGING TERMINUS POINTS: NON-MANDATORY GUIDELINES FOR COMPLYING WITH § 1926.757(a)(10) and § 1926.757(c)(5)

APPENDIX D TO SUBPART R -- ILLUSTRATION OF THE USE OF CONTROL LINES TO DEMARcate CONTROLLED DECKING ZONES (CDZs): NON-MANDATORY GUIDELINES FOR COMPLYING WITH § 1926.760(c)(3)

APPENDIX E TO SUBPART R -- TRAINING: NON-MANDATORY GUIDELINES FOR COMPLYING WITH § 1926.761

APPENDIX F TO SUBPART R -- PERIMETER COLUMNS: NON-MANDATORY GUIDELINES FOR COMPLYING WITH § 1926.756(e) TO PROTECT THE UNPROTECTED SIDE OR EDGE OF A WALKING/WORKING SURFACE

APPENDIX G TO SUBPART R -- FALL PROTECTION SYSTEMS CRITERIA AND PRACTICES FROM § 1926.502: NON-MANDATORY GUIDELINES FOR COMPLYING WITH § 1926.760(d)

APPENDIX H TO SUBPART R -- DOUBLE CONNECTIONS: ILLUSTRATION OF A CLIPPED END CONNECTION AND A STAGGERED CONNECTION: NON-MANDATORY GUIDELINES FOR COMPLYING WITH § 1926.756(c)(1)

Subpart S -- Tunnels and Shafts, Caissons, Cofferdams, and Compressed Air

- 1926.800 Underground construction.
- 1926.801 Caissons.
- 1926.802 Cofferdams.
- 1926.803 Compressed air.
- 1926.804 Definitions applicable to this subpart.

APPENDIX A TO SUBPART S -- DECOMPRESSION TABLES

Subpart T -- Demolition

- 1926.850 Preparatory operations.
- 1926.851 Stairs, passageways, and ladders.
- 1926.852 Chutes.
- 1926.853 Removal of materials through floor openings.
- 1926.854 Removal of walls, masonry sections, and chimneys.
- 1926.855 Manual removal of floors.
- 1926.856 Removal of walls, floors, and material with equipment.
- 1926.857 Storage.
- 1926.858 Removal of steel construction.
- 1926.859 Mechanical demolition.
- 1926.860 Selective demolition by explosives.

Subpart U -- Blasting and Use of Explosives

- 1926.900 General provisions.
- 1926.901 Blaster qualifications.
- 1926.902 Surface transportation of explosives.
- 1926.903 Underground transportation of explosives.
- 1926.904 Storage of explosives and blasting agents.
- 1926.905 Loading of explosives or blasting agents.
- 1926.906 Initiation of explosive charges - electric blasting.
- 1926.907 Use of safety fuse.
- 1926.908 Use of detonating cord.
- 1926.909 Firing the blast.
- 1926.910 Inspection after blasting.
- 1926.911 Misfires.
- 1926.912 Underwater blasting.
- 1926.913 Blasting in excavation work under compressed air.
- 1926.914 Definitions applicable to this subpart.

Subpart V -- Power Transmission and Distribution

- 1926.950 General requirements.
- 1926.951 Tools and protective equipment.
- 1926.952 Mechanical equipment.
- 1926.953 Material handling.
- 1926.954 Grounding for protection of employees.
- 1926.955 Overhead lines.

Table of Contents - 1926

Page 5 of 7

- 1926.956 Underground lines.
- 1926.957 Construction in energized substations.
- 1926.958 External load helicopters.
- 1926.959 Lineman's body belts, safety straps, and lanyards.
- 1926.960 Definitions applicable to this subpart.

Subpart W -- Rollover Protective Structures; Overhead Protection

- 1926.1000 Rollover protective structures (ROPS) for material handling equipment.
- 1926.1001 Minimum performance criteria for rollover protective structures for designated scrapers, loaders, dozers, graders, and crawler tractors.
- 1926.1002 Protective frames (roll-over protective structures, known as ROPS) for wheel-type agricultural and industrial tractors used in construction.
- 1926.1003 Overhead protection for operators of agricultural and industrial tractors.

APPENDIX A TO SUBPART W -- Figures W-14 through W-28

Subpart X -- Stairways and Ladders

- 1926.1050 Scope, application, and definitions applicable to this subpart.
- 1926.1051 General Requirements.
- 1926.1052 Stairways.
- 1926.1053 Ladders.
- 1926.1054-1926.1059 [Reserved]
- 1926.1060 Training Requirements

APPENDIX A TO SUBPART X -- Ladders

Subpart Y -- Commercial Diving Operations

GENERAL

- 1926.1071 Scope and application.
- 1926.1072 Definitions.

PERSONNEL REQUIREMENTS

- 1926.1076 Qualifications of dive team.

GENERAL OPERATIONS PROCEDURES

- 1926.1080 Safe practices manual.
- 1926.1081 Pre-dive procedures.
- 1926.1082 Procedures during dive.
- 1926.1083 Post-dive procedures.

SPECIFIC OPERATIONS PROCEDURES

- 1926.1084 SCUBA diving.
- 1926.1085 Surface-supplied air diving.
- 1926.1086 Mixed-gas diving.
- 1926.1087 Liveboating.

EQUIPMENT PROCEDURES AND REQUIREMENTS

- 1926.1090 Equipment

RECORDKEEPING

- 1926.1091 Recordkeeping requirements.
- 1926.1092 [Removed]

APPENDIX A TO SUBPART Y -- EXAMPLES OF CONDITIONS WHICH MAY RESTRICT OR LIMIT EXPOSURE TO HYPERBARIC CONDITIONS

APPENDIX B TO SUBPART Y -- GUIDELINES FOR SCIENTIFIC DIVING

Subpart Z -- Toxic and Hazardous Substances

- 1926.1100 [Reserved]
- 1926.1101 Asbestos
- 1926.1102 Coal tar pitch volatiles; interpretation of term.
- 1926.1103 13 Carcinogens (4-Nitrobiphenyl, etc.).
- 1926.1104 alpha-Naphthylamine.
- 1926.1105 [Reserved]
- 1926.1106 Methyl chloromethyl ether.
- 1926.1107 3,3'-Dichlorobenzidine (and its salts).
- 1926.1108 bis-Chloromethyl ether.
- 1926.1109 beta-Naphthylamine.
- 1926.1110 Benzidine.
- 1926.1111 4-Aminodiphenyl.
- 1926.1112 Ethyleneimine.
- 1926.1113 beta-Propiolactone.
- 1926.1114 2-Acetylaminofluorene.
- 1926.1115 4-Dimethylaminobenzene.
- 1926.1116 N-Nitrosodimethylamine.
- 1926.1117 Vinyl chloride.
- 1926.1118 Inorganic arsenic.
- 1926.1127 Cadmium.

Table of Contents - 1926

Page 6 of 7

1926.1128 Benzene.
 1926.1129 Coke oven emissions.
 1926.1144 1,2-dibromo-3-chloropropane.
 1926.1145 Acrylonitrile.
 1926.1147 Ethylene oxide.
 1926.1148 Formaldehyde.
 1926.1152 Methylene Chloride.

Subpart AA-BB -- [RESERVED]**Subpart CC -- Cranes and Derricks in Construction**

1926.1400 Scope.
 1926.1401 Definitions.
 1926.1402 Ground conditions.
 1926.1403 Assembly/Disassembly--selection of manufacturer or employer procedures.
 1926.1404 Assembly/Disassembly--general requirements (applies to all assembly and disassembly operations).
 1926.1405 Disassembly--additional requirements for dismantling of booms and jibs (applies to both the use of manufacturer procedures and employer procedures).
 1926.1406 Assembly/Disassembly--employer procedures--general requirements.
 1926.1407 Power line safety (up to 350 kV)--assembly and disassembly.
 1926.1408 Power line safety (up to 350 kV)--equipment operations.
 1926.1409 Power line safety (over 350 kV).
 1926.1410 Power line safety (all voltages)--equipment operations closer than the Table A zone.
 1926.1411 Power line safety--while traveling.
 1926.1412 Inspections.
 1926.1413 Wire rope--inspection.
 1926.1414 Wire rope--selection and installation criteria.
 1926.1415 Safety devices.
 1926.1416 Operational aids.
 1926.1417 Operation.
 1926.1418 Authority to stop operation.
 1926.1419 Signals--general requirements.
 1926.1420 Signals--radio, telephone or other electronic transmission of signals.
 1926.1421 Signals--voice signals--additional requirements.
 1926.1422 Signals--hand signal chart.
 1926.1423 Fall protection.
 1926.1424 Work area control.
 1926.1425 Keeping clear of the load.
 1926.1426 Free fall and controlled load lowering.
 1926.1427 Operator qualification and certification.
 1926.1428 Signal person qualifications.
 1926.1429 Qualifications of maintenance & repair employees.
 1926.1430 Training.
 1926.1431 Hoisting personnel.
 1926.1432 Multiple-crane/derrick lifts--supplemental requirements.
 1926.1433 Design, construction and testing.
 1926.1434 Equipment modifications.
 1926.1435 Tower cranes.
 1926.1436 Derricks.
 1926.1437 Floating cranes/derricks and land cranes/derricks on barges.
 1926.1438 Overhead & gantry cranes.
 1926.1439 Dedicated pile drivers.
 1926.1440 Sideboom cranes.
 1926.1441 Equipment with a rated hoisting/lifting capacity of 2,000 pounds or less.
 1926.1442 Severability.

Appendix A to Subpart CC of part 1926--Standard Hand Signals

Appendix B to Subpart CC of part 1926--Assembly/Disassembly--Sample Procedures for Minimizing the Risk of Unintended Dangerous Boom Movement

Appendix C to Subpart CC of part 1926--Operator Certification--Written Examination--Technical Knowledge Criteria

APPENDIX A TO PART 1926 -- DESIGNATIONS FOR GENERAL INDUSTRY STANDARDS INCORPORATED INTO BODY OF CONSTRUCTION STANDARDS.

SOURCE: 44 FR 8577, Feb. 9, 1979; 44 FR 20940, Apr. 6, 1979, unless otherwise noted.

EDITORIAL NOTE: At 44 FR 8577, Feb. 9, 1979, and corrected at 44 FR 20940, Apr. 6, 1979, OSHA reprinted without change the entire text of 29 CFR Part 1926 together with certain General Industry Occupational Safety and Health Standards contained in 29 CFR Part 1910, which have been identified as also applicable to construction work. This republication developed a single set of OSHA regulations for both labor and management forces within the construction industry.

Editorial Note: The Federal Register of August 2, 1995, page 39254 issued a Final Rule; correcting amendment. OSHA will maintain the existing fall protection requirements for steel erection activities pending rulemaking that addresses the steel erection industry. This affected 1926.104, 1926.105, 1926.107, 1926.500, and 1926.753.

[55 FR 42328, Oct. 18, 1990; 55 FR 47687, Nov. 14, 1990; 58 FR 26627, May 4, 1993; 58 FR 35077, June 30, 1993; 59 FR 215, Jan. 3, 1994; 59 FR 36695, July 19, 1994; 59 FR 40729, Aug. 9, 1994; 59 FR 40964, Aug. 10, 1994; 60 FR 5131, Jan. 26, 1995; 60 FR 39254, Aug. 2, 1995; 61 FR 5507; Feb. 13, 1996; 61 FR 9227, March 7, 1996; 61 FR 31427, June 20, 1996; 61 FR 46025, Aug. 30, 1996; 62 FR 1493, Jan. 10, 1997; 63 FR 1152, Jan. 8, 1998; 63 FR 1919, Jan. 13, 1998; 63 FR 3813, Jan. 27, 1998; 63 FR 13338, March 19, 1998; 63 FR 17093, April 8, 1998; 63 FR 20098, April 23, 1998; 63 FR 33450, June 18, 1998; 63 FR 35137, June 29, 1998; 64 FR 18810, April 16, 1999; 66 FR 5265, Jan. 18, 2001; 70 FR 76985, Dec. 29, 2005; 71 FR 2885, Jan. 18, 2006; 71 FR 16675, April 3, 2006; 75 48130, Aug. 9, 2010]

 Next Standard (1926 Subpart A)